

PROFESSIONAL WORK

- Creative Nexus | **4**
- Hillmont Residential | **10**
- Historic Promenade | **16**
- Smiles Dental | **22**
- Snider Plaza | **26**
- Shrewsbury Residence | **32**
- The Perennial | **38**
- 10300 Metropolitan | **42**
- Belmar Lakewood | **46**
- 2021 Creekshow | **48**

UNIVERSITY WORK

- Speculative | **58**
- Canopy | **64**
- Nest | **70**
- Spine | **78**

CREATIVE NEXUS

Year: 2023 - Present

Collaboration: RIOS

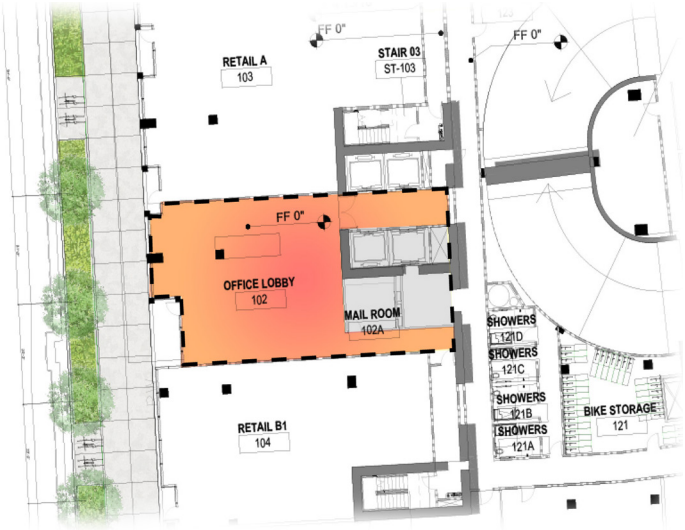
Role: Schematic design of the lobby interior, in addition to some collaboration with designing the office and rooftop levels.

Status: Submitted

Located in the San Mateo area, this high-rise development is focused on leasing clientele from the tech-industry. Situated within a lively arts district, the site provides a rich, industrial history. Based on carefully curated inspiration and material studies, the concept aims to celebrate a rugged charm while also creating an immersive, curious intervention. This concept was developed with two variations, one exploring a more cavernous, archway language, while the other introducing a glowing oculus mirrored by a centralized reception desk. For both concepts, I was heavily involved with concept curation, design, and final visualization.







HILLMONT RESIDENTIAL

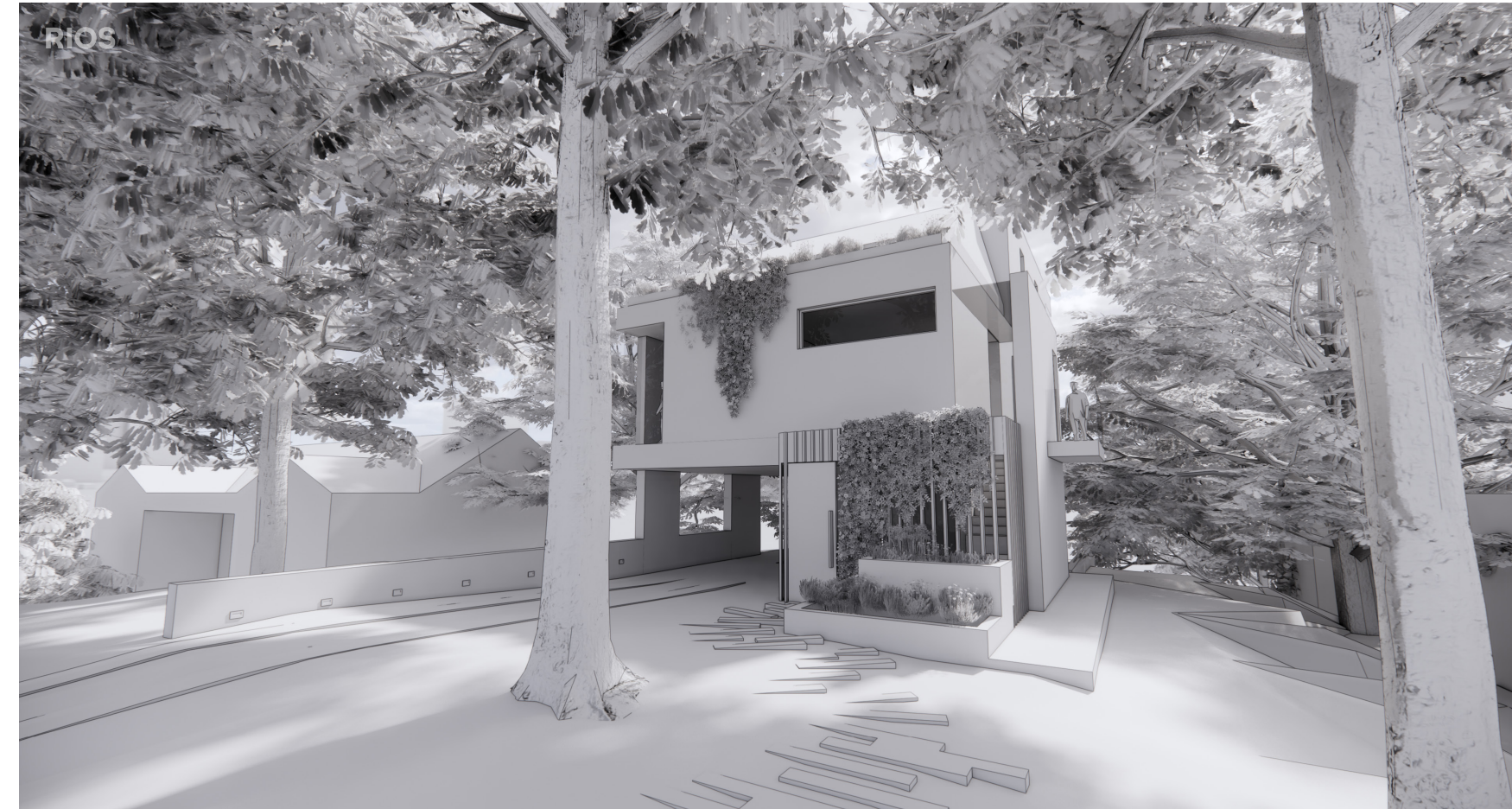
Year: 2022 - Present

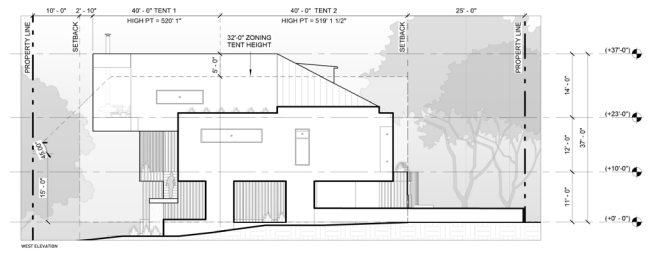
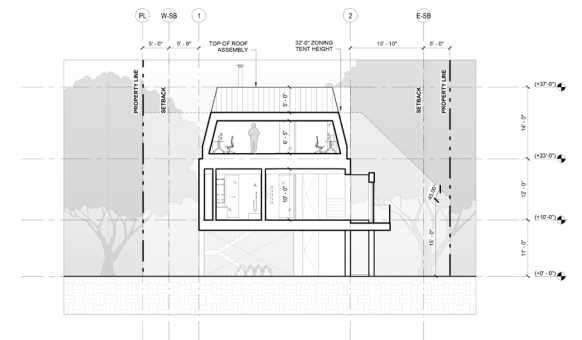
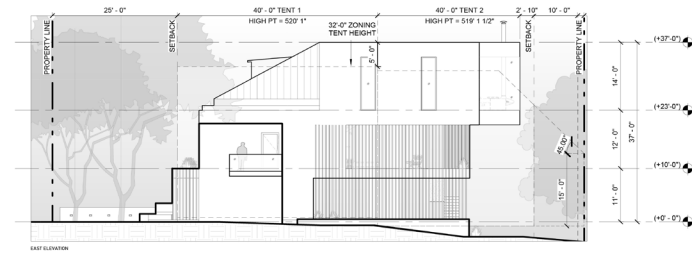
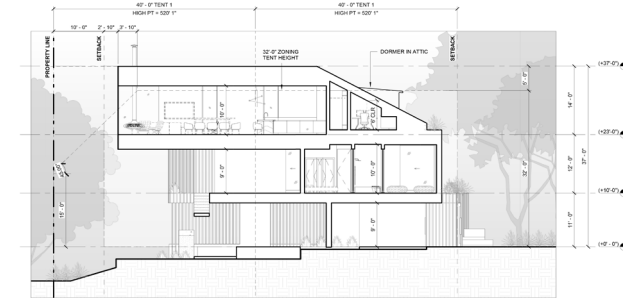
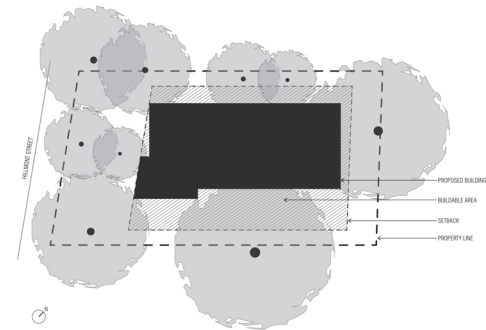
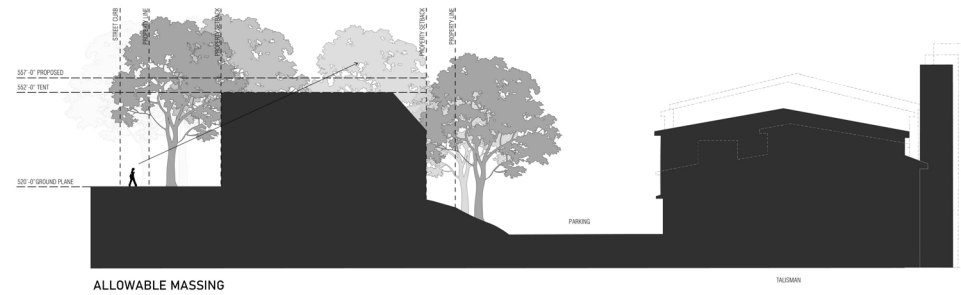
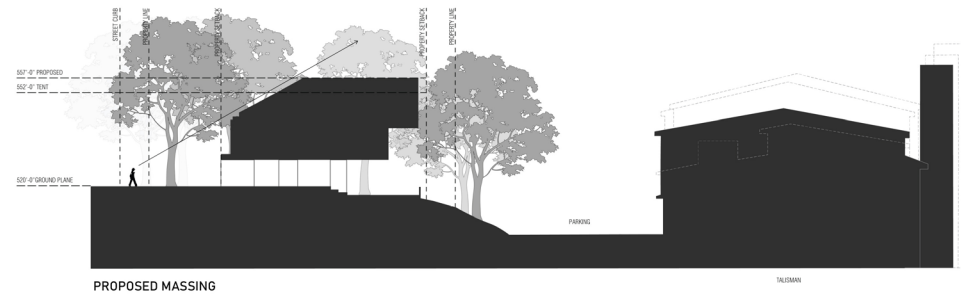
Collaboration: RIOS

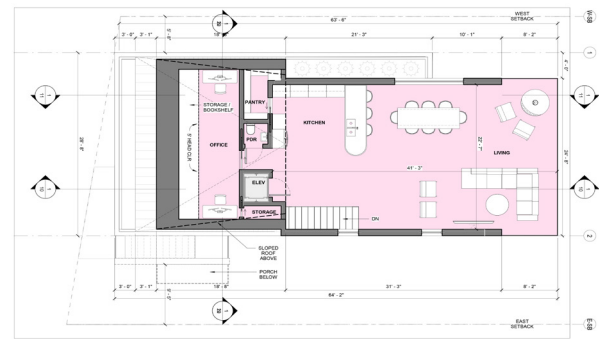
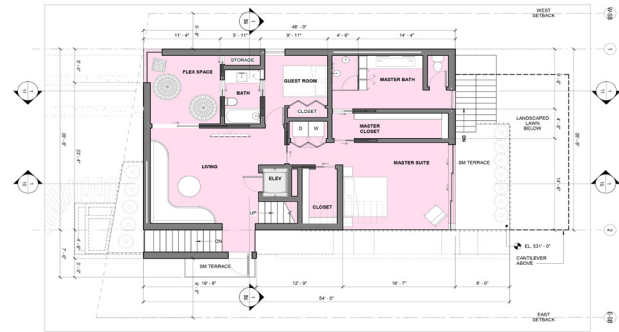
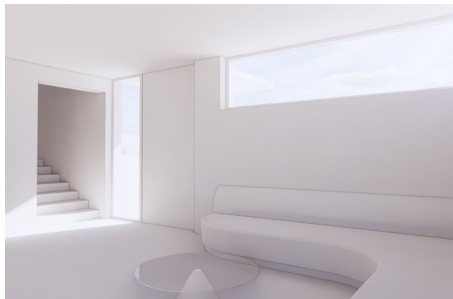
Role: Schematic design of the building facade, height variance package preparation, and design development.

Status: In Progress

Located near Auditorium Shores, this residential lot overlooks the gorgeous Austin skyline. An existing condominium and large tree canopies provide unique constraints for this home. As a result, the overall form is a flipped version of a traditional home; the common spaces are located at the top floor with the more quiet spaces tucked below. The residence provides a modest and subtle front facade, which then opens up at the back to maximize views towards downtown. My primary role on this project involved schematic design and design development, as well as preparation of a height variance package for a Board of Adjustments hearing with the City of Austin.







HISTORIC PROMENADE

Year: 2023 - Present

Collaboration: RIOS

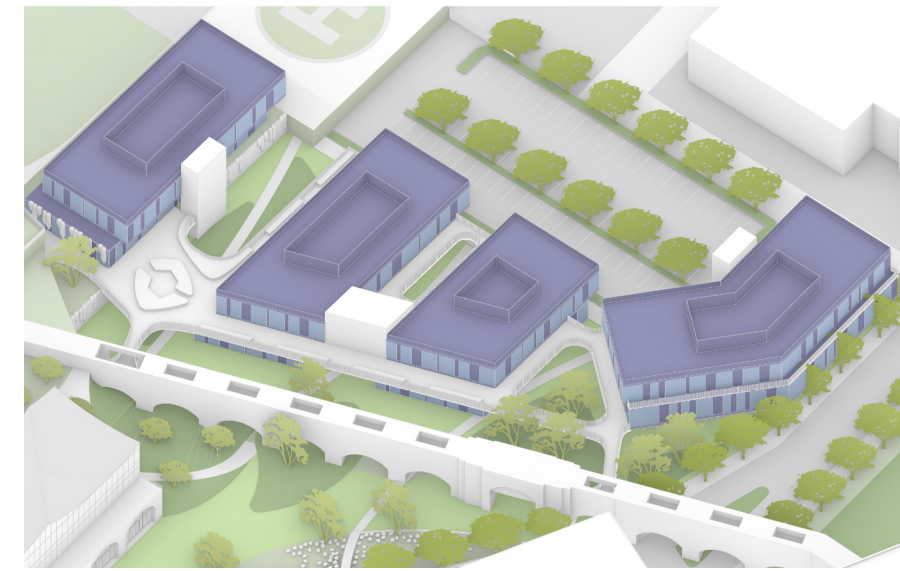
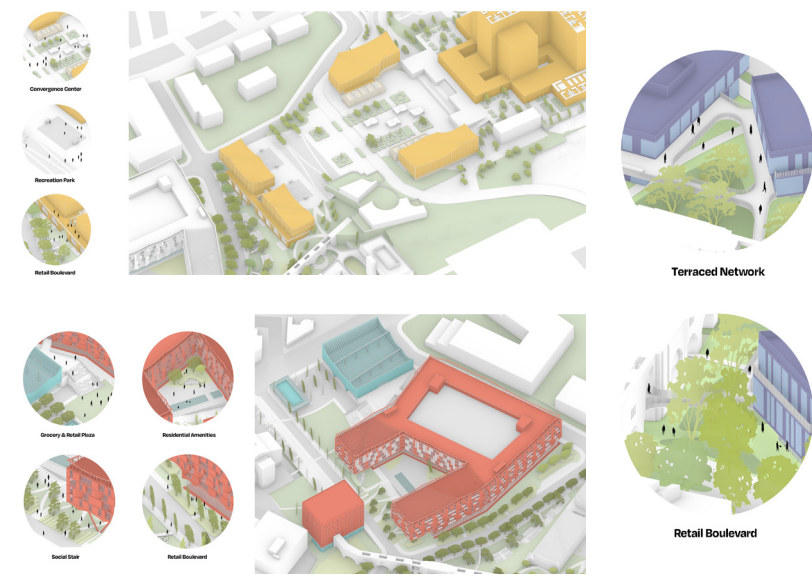
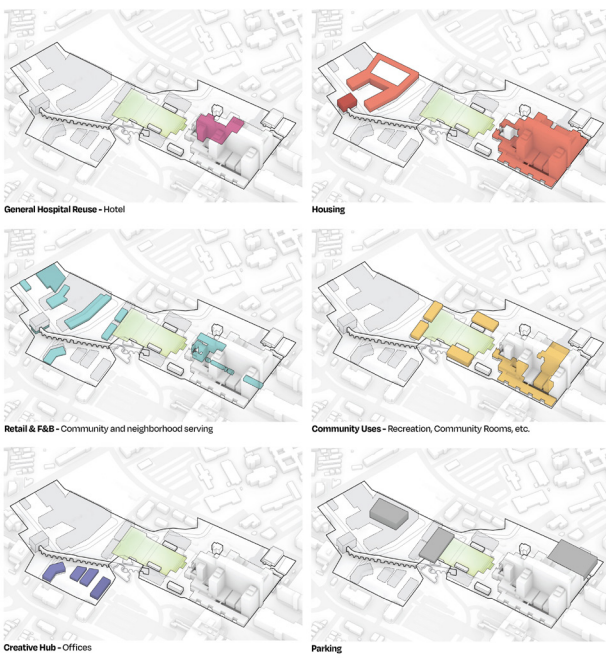
Role: Program diagramming and graphic production, in addition to schematic design collaboration.

Status: Submitted

This extensive RFP aims to restore and revitalize a historic medical campus, introducing community-desired programming. The overall concept stitches public green spaces, which weave throughout the campus. The project introduces a grocer, retail, multi-family residential, offices, and several other community-based spaces. Many of the buildings display a soft, undulating form, creating a unifying architectural language. As part of a large competition team, my role was to work on program diagrams, in addition to design vignettes and presentation material. I also aided with schematic design, focusing towards the development of the office hub.



RIOS



RIOS AUSTIN STUDIO

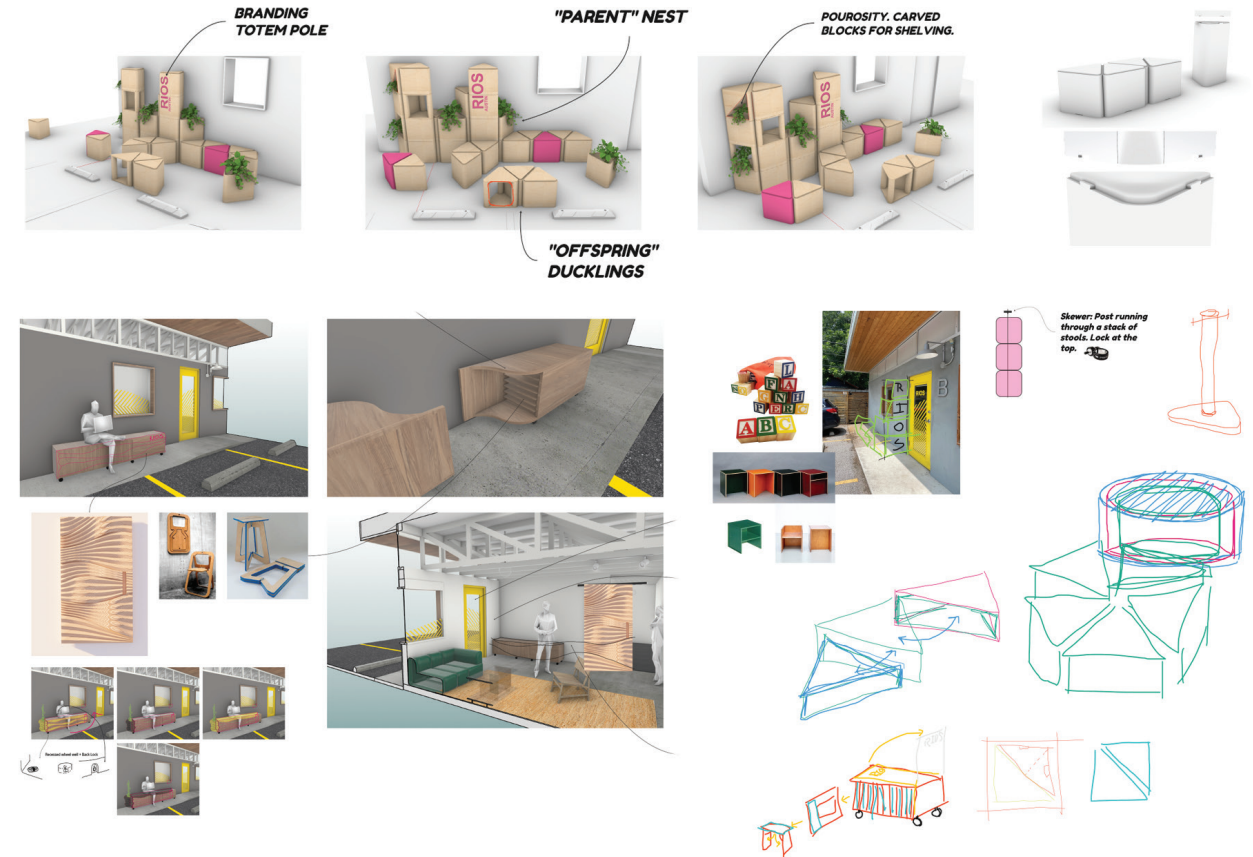
Year: 2023 - Present

Collaboration: RIOS

Role: Schematic design explorations in collaboration with the fabrication lab.

Status: In Progress

Being part of a smaller, intimate office space with the aid of a in-house fabrication lab, I participated in several custom furniture design charettes. This effort was highly collaborative, focusing on exploring a multi-part seating system. The final iteration played off of the idea of building blocks, coupled with a outdoor signage component. The concept explored stacking pieces that interlocked, and provided not only daily seating but multipliable seating for larger, firm events.



SMILES DENTAL

Year: 2019 - Present

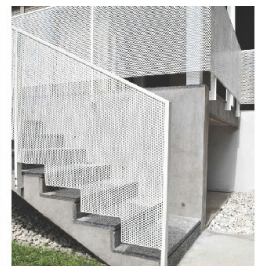
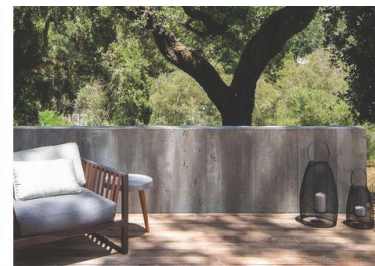
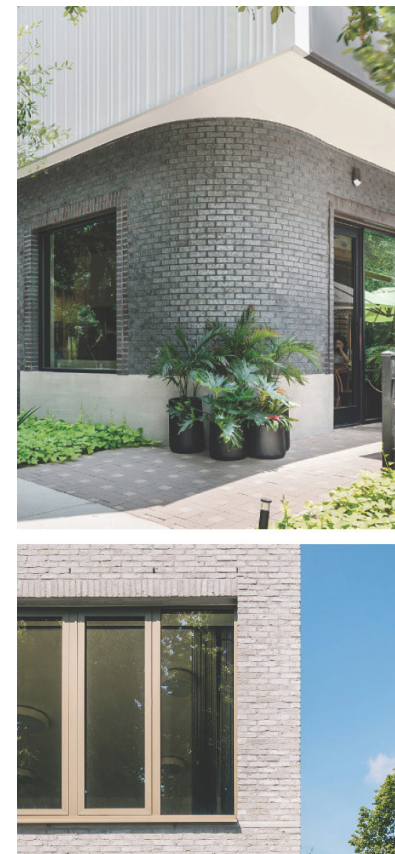
Collaboration: Michael Hsu Office of Architecture

Role: Schematic design of the building skin/entry catwalk from massing through final renderings.

Status: Construction Documentation

Smiles Dental consists of four private offices located in Bee Caves, Texas. The clients wanted a shared space for their common practices, each a different specialty of dentistry. The building has an overall modest design enhanced by intricate brick patterning, with openings creating an opportunity for folding and indenting the facade. The entry to the offices hover over a small ravine, allowing the opportunity to design a catwalk which emphasizes the presence of the existing topography and vegetation. My primary role during this project was developing the building from a white-box mass to a fully-detailed schematic design.





SNIDER PLAZA

Year: 2022 - Present

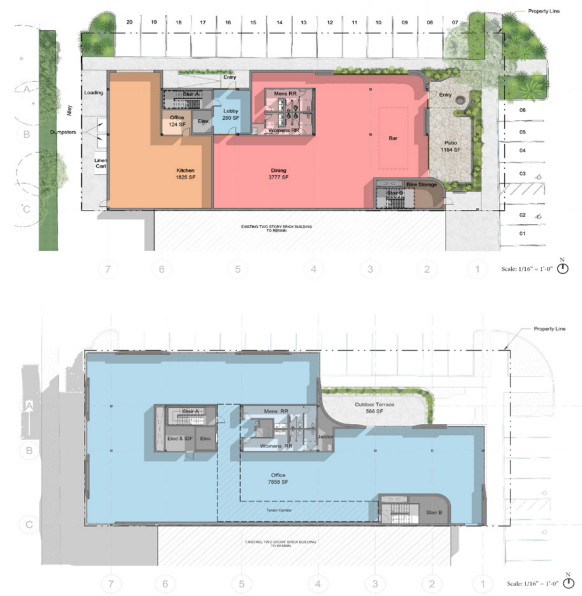
Collaboration: Michael Hsu Office of Architecture

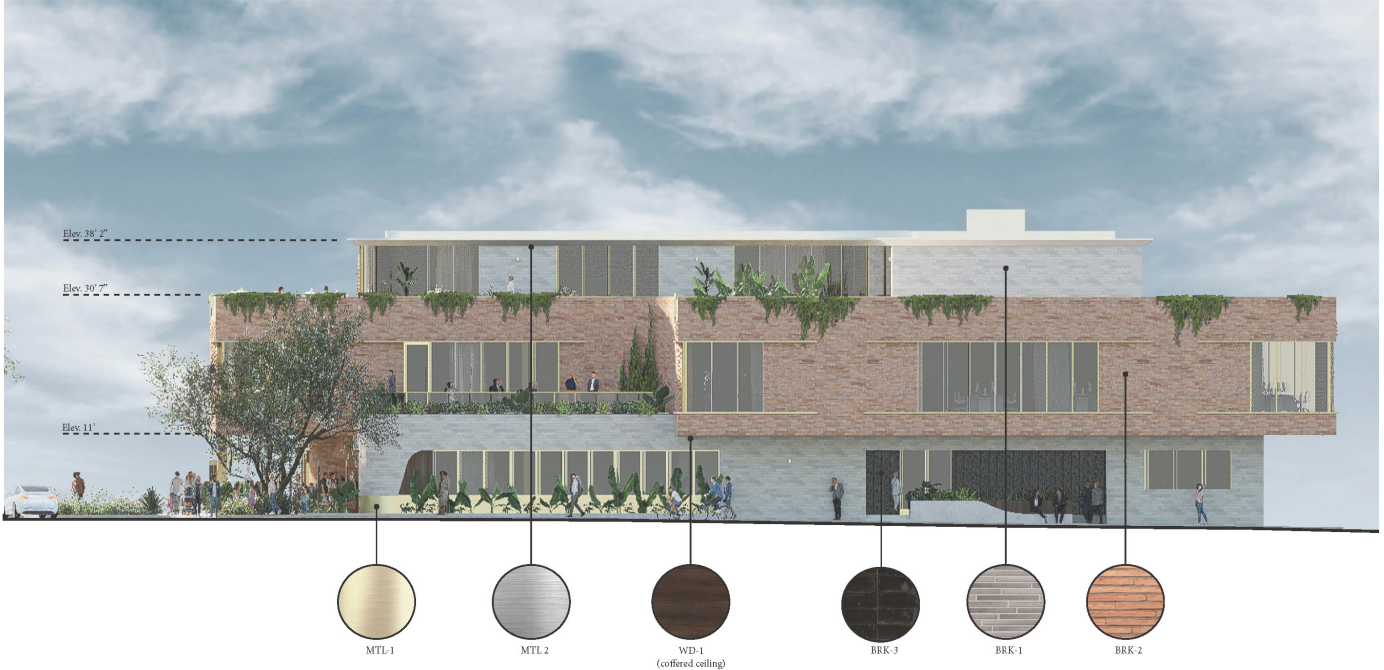
Role: Schematic design of the building skin, assisted with development of programmatic floor plans.

Status: In Progress

Located in Snider Plaza within the city of Dallas, Texas, this small-scale commercial building consists of both a restaurant and office space. The building itself displays two distinct forms, opposite in both materiality and plan. The lower level activates and enhances the pedestrian experience of Snider Plaza, with a cozy patio space that has intricately designed architectural elements and a polished storefront. Hovering the sidewalks with coffered overhangs, the second level exhibits subtle brick patterning and brass-highlighted openings that welcome ample light into the work spaces. The high parapet conceals a condominium that is situated like a crown, set-back from the street front. My primary role on this project was schematic design, starting from studying several massing models to developing the final building form, including intricate detailing and materiality studies.







SHREWSBURY RESIDENCE

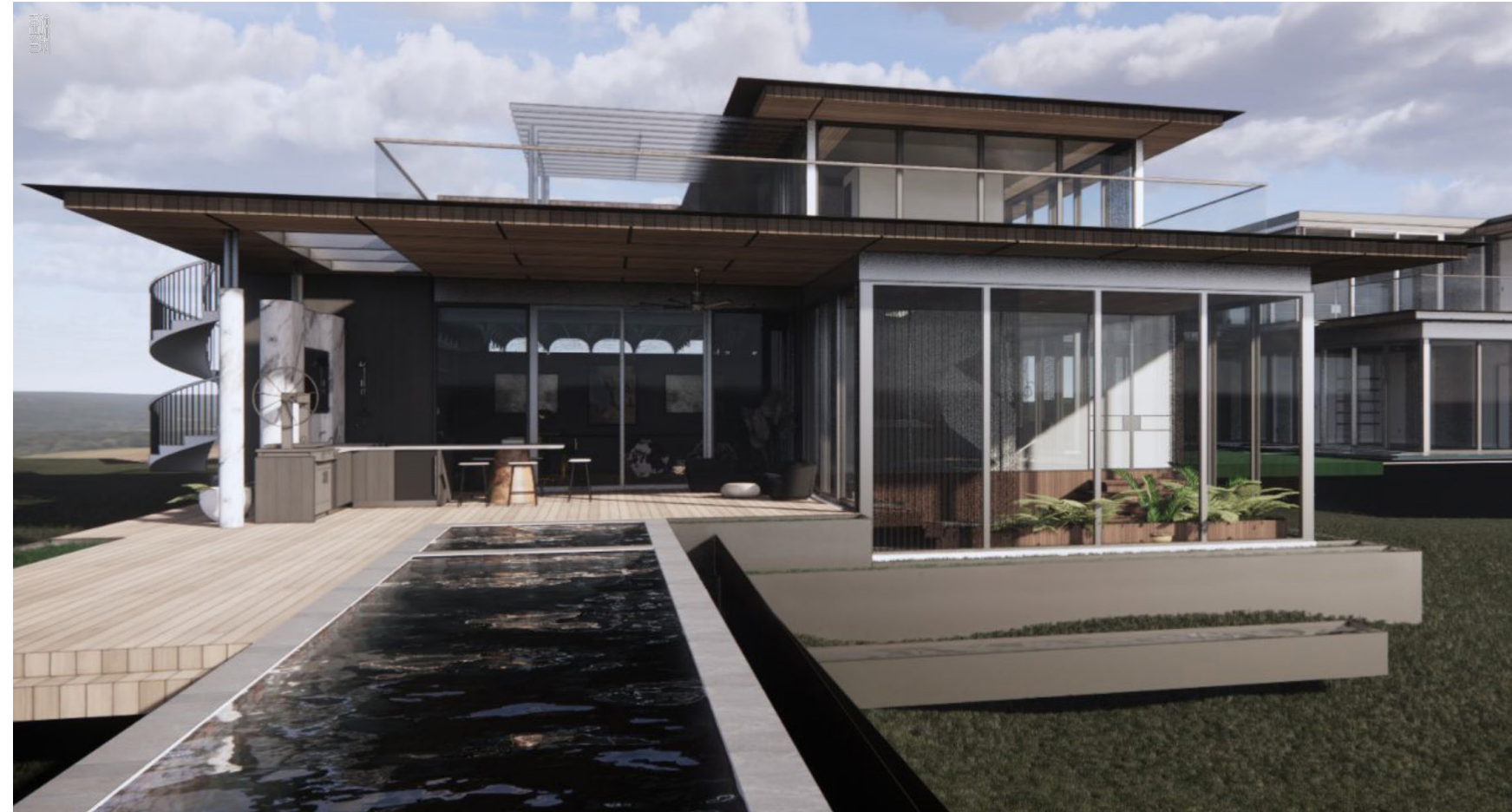
Year: 2021 - Present

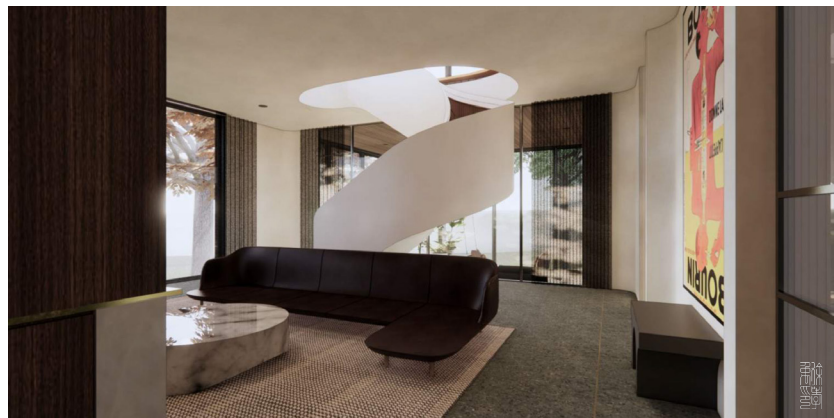
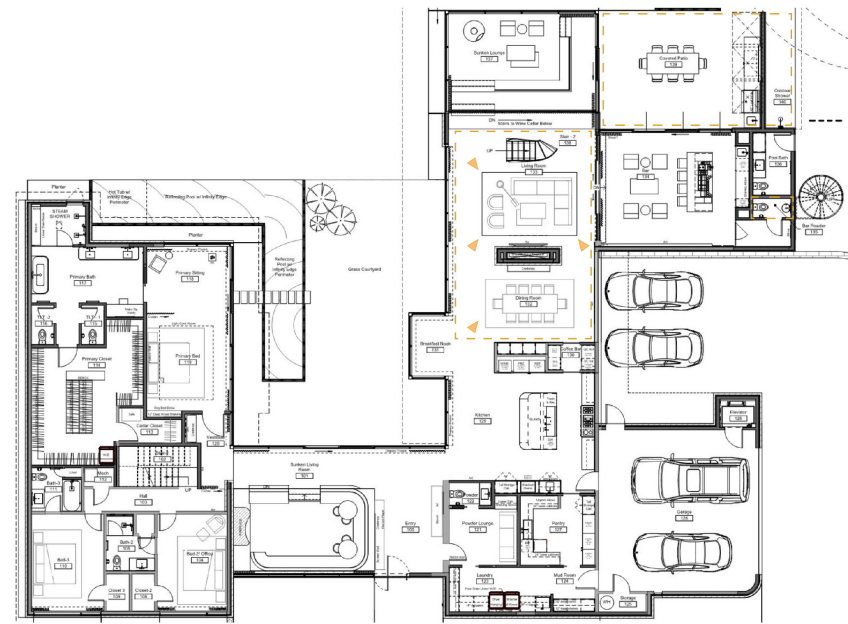
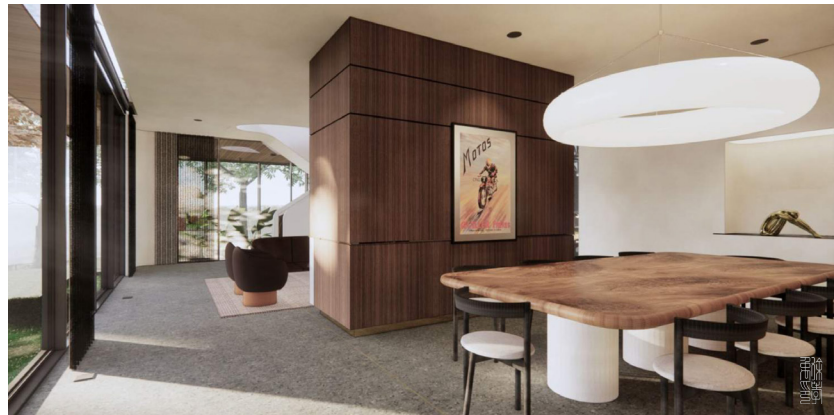
Collaboration: Michael Hsu Office of Architecture | Fern Santini

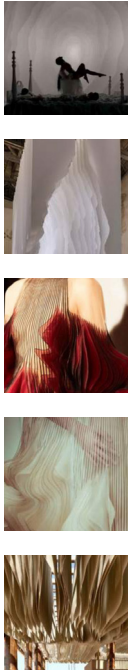
Role: Interior design of multiple spaces, assisted with construction documentation tasks/detailing.

Status: Under Construction

Located on a one-acre lot in Tarrytown, Austin, this high-end residential project is a renovation of a mid-century style home built in 1972. Through maintaining several walls of the original structure, the diagram of the home is oriented around planar, orthogonal views/circulation. The Shrewsbury family is known for their eclectic style and extravagant parties, so many of the interior spaces reflect their personality. I joined this project during the transition between design and construction documentation. With the shell already thoroughly detailed, I assisted with designing many of the interior spaces, with an intense study of materiality, experience, and defining refinement/luxury.







THE PERENNIAL

Year: 2021 - Present

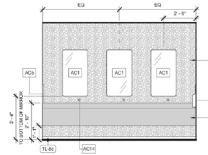
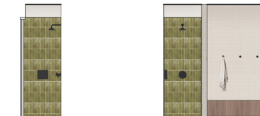
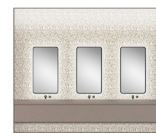
Collaboration: Michael Hsu Office of Architecture | HKS Architects | Ten Eyck

Role: Schematic material study of interior elevations, construction documentation of floor plans/elevations for several interior spaces, including material ordering/sampling.

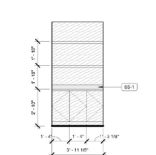
Status: In Progress

Inspired by the intersection between the natural realm and spaces of work, the Perennial aims to be an innovative biomorphic design amongst several towers planned for the city of Austin. Located on Brazos and 4th street, this 46-story project owned by Cielo Property Group contracted MHOA to design the ground-floor and sky lobby levels. The ground floor is oriented around the pedestrian experience, enchanted by a lush forest-like paseo that connects two city blocks. The sky lobby transports tenants to a elevated garden that blurs the boundary between the lobby and exterior balconies. I joined this project as the team was transitioning from schematic design to design documentation, and worked with the interior design team to develop the fitness level spaces (amongst other supplementary spaces)/ begin preparing them for construction documentation.

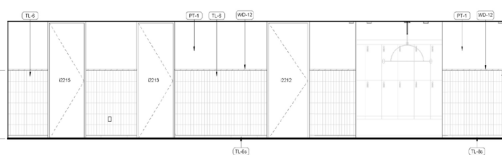




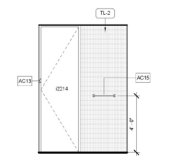
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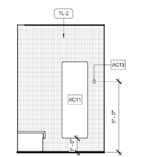
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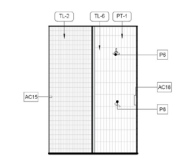
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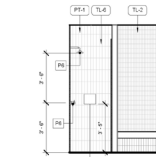
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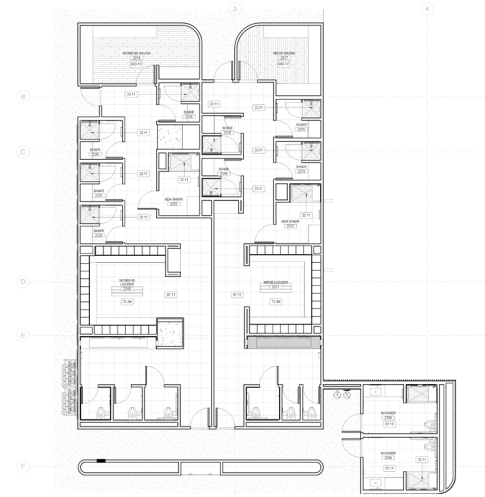
LOCKER RM SHOWER, TYP - N



LOCKER RM SHOWER, TYP - S



LOCKER RM SHOWER, TYP - W



10300 METROPOLITAN

Year: 2019 - Present

Collaboration: GFF Architects

Role: Schematic design of building facade and development of floor plans, elevations, and sections for construction documentation.

Status: Under Construction

Situated near the Austin FC Stadium, this multi-family project serves a housing need in one of the fastest developing areas of North Austin. The project is divided into two portions: one with a courtyard facing the stadium and the other creating a dynamic facade that asserts its presence along the pedestrian street. As one of the primary designers on this project, I worked extensively in Sketchup in addition to transitioning the project into Revit/detailing drawings sets for both DD and CD phases.





BELMAR LAKEWOOD

Year: 2020 - Present

Collaboration: GFF Architects

Role: Schematic design of building facade, assisted with preparing a complete SD set.

Status: Construction Documentation



Located on a lakeside property where a historical mansion previously existed, the City of Lakewood has given great importance to this multifamily project which will revitalize the surrounding neighborhood, located only 15 minutes from downtown Denver, Colorado. With a focus towards a “lake house” aesthetic, this project prioritizes lakeside views to the west and downtown views to the northeast. The building skin wraps and reveals itself where these views are prevalent, creating a dynamic yet powerful facade. As one of the primary designers, I developed the facade during schematic design and assisted with programmatic planning and unit matrices.

CREEKTURE

Year: 2021

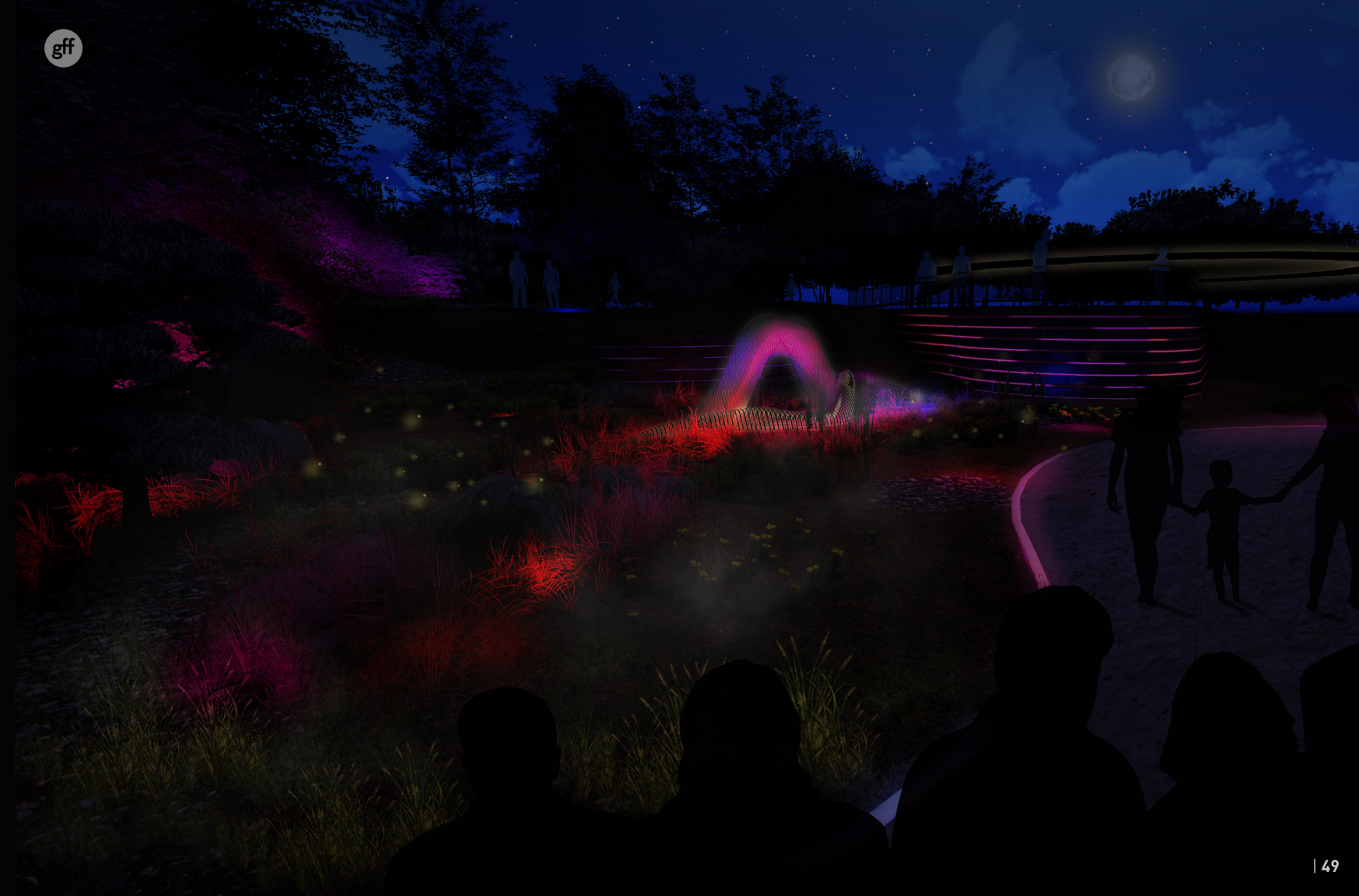
Collaboration: GFF Architects | Rudick Construction Group |
Lonestar Lighting | Bell and McCoy Lighting and Controls

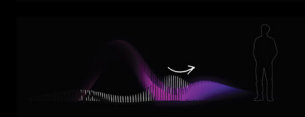
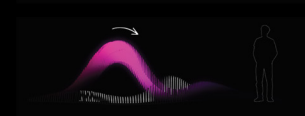
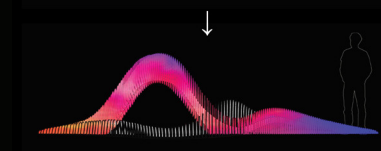
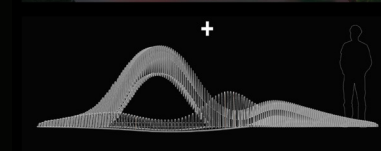
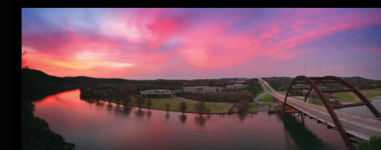
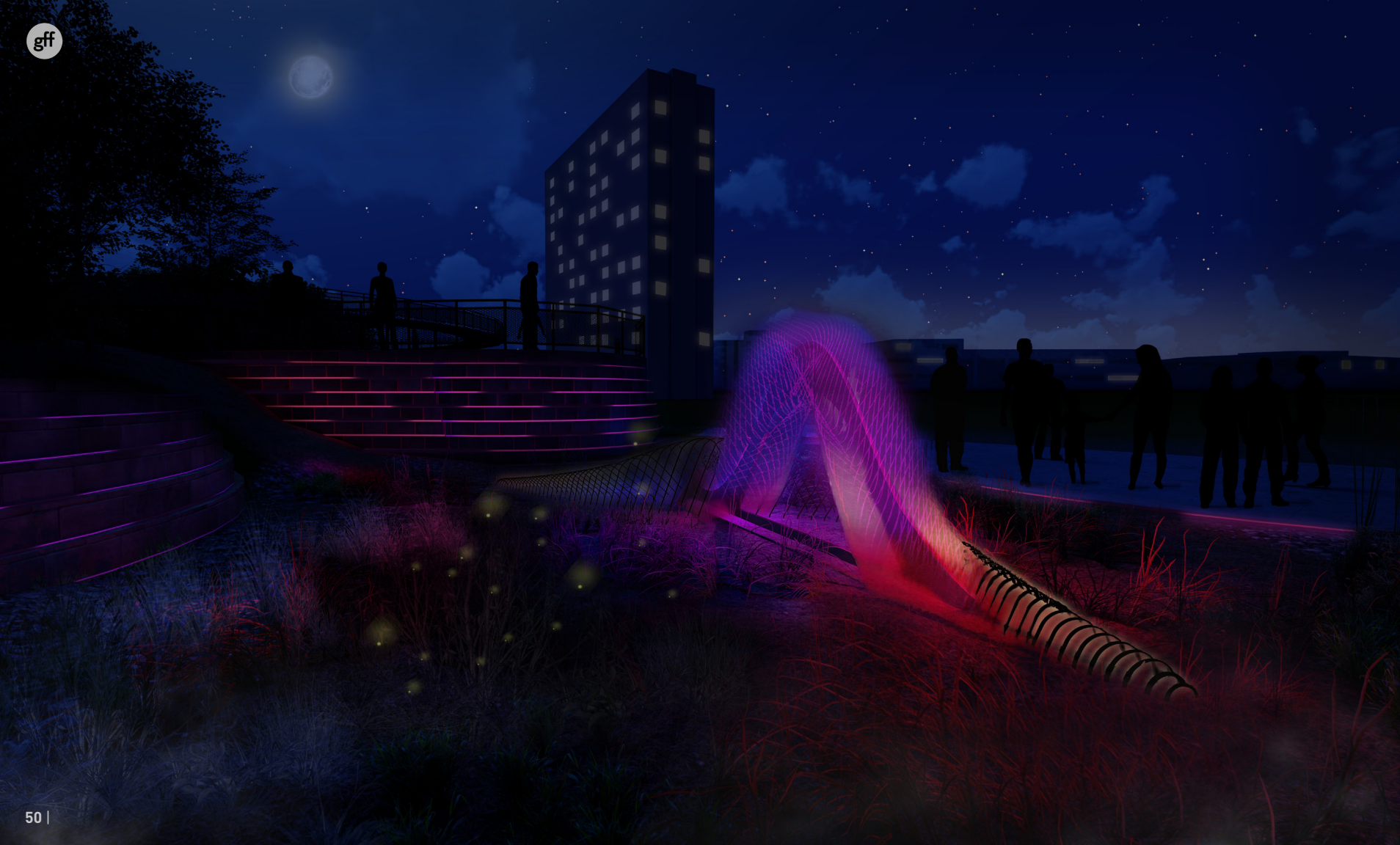
Role: Schematic design from concept to visualization, assisted with both
design and construction documentation, including design build.

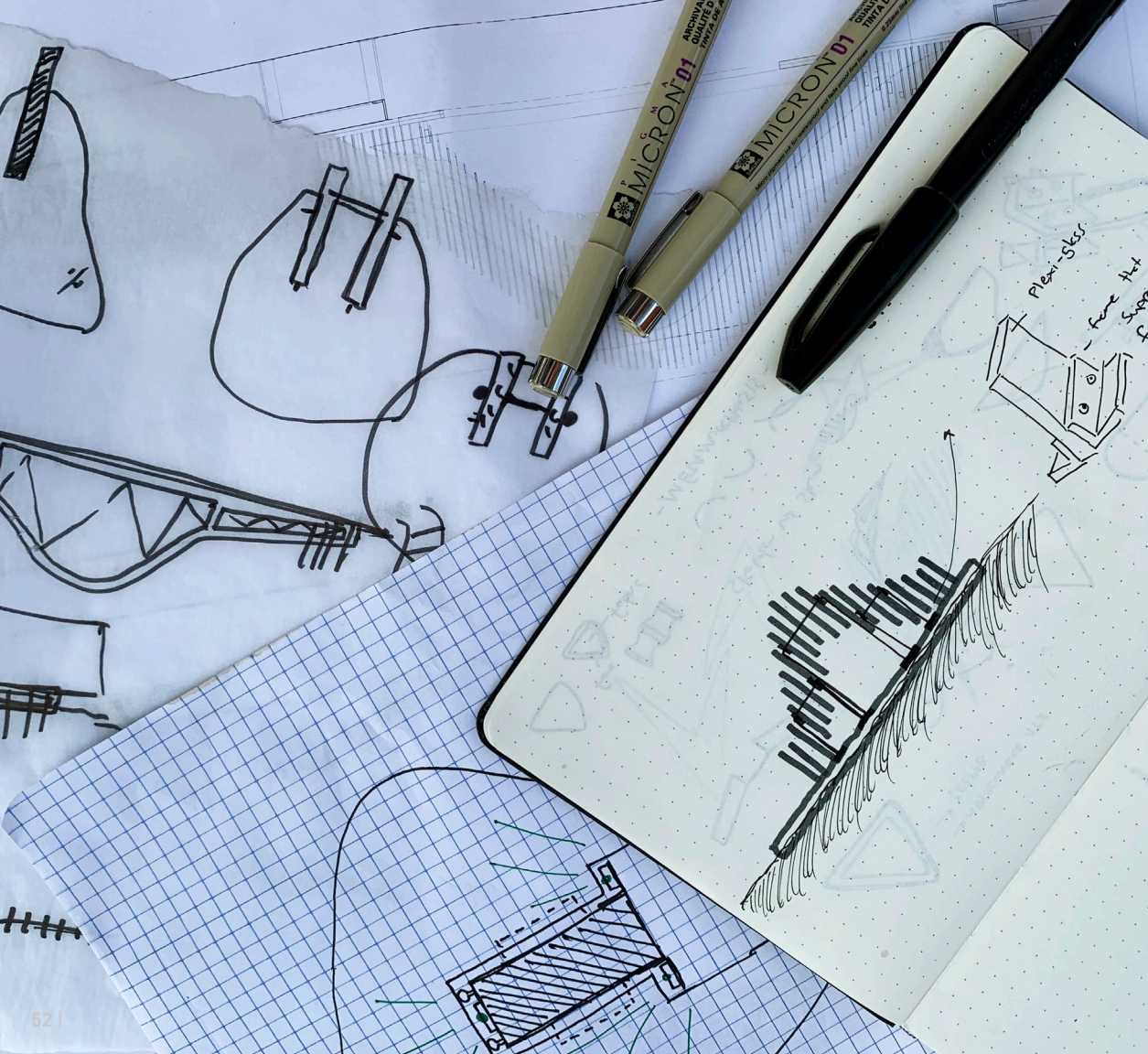
Status: Completed

CREEKTURE : a sculptural metaphor for the Texas Blind Snake. Just as the blind snake appears during flooding, CREEKTURE rises from the dampened soil of the creek bed before receding back into the murky depths of the earth, allowing spectators a brief glimpse of this elusive creature. CREEKTURE is a gentle, yet evocative reminder of the creatures that quietly live within Waller Creek. We may not always see them, but we must remember that we are simply visitors of their habitat; we must respect their home just as how we respect our own.

This concept was curated through a team of designers at GFF, including myself. Before developing a schematic design submission for the Waller Creek Show, we had an internal charrette to explore multiple concepts. During a firm-wide discussion, GFF decided to proceed with my concept. After several iterations of massing models, I worked extensively on renderings which were submitted to Waterloo Conservancy. After being selected for the Waller Creek Show 2021, the team equally contributed to developing the concept, beginning from visualization through construction documentation/fabrication with the generous help of local fabricators.

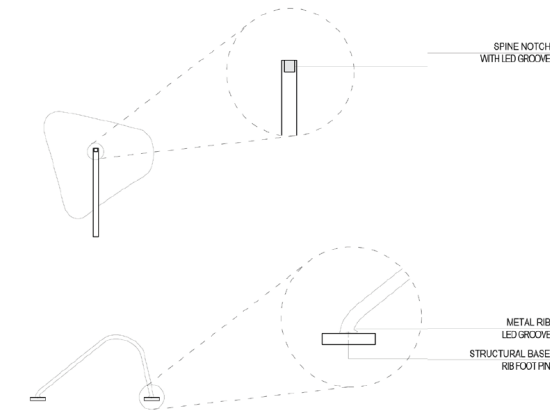
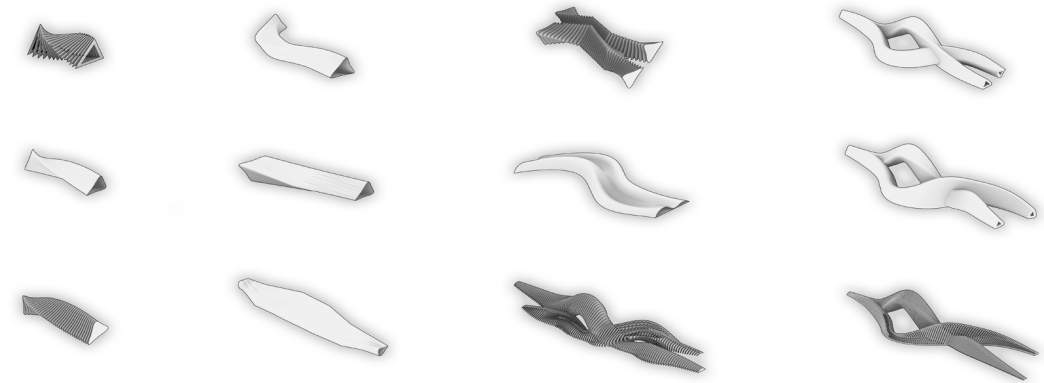


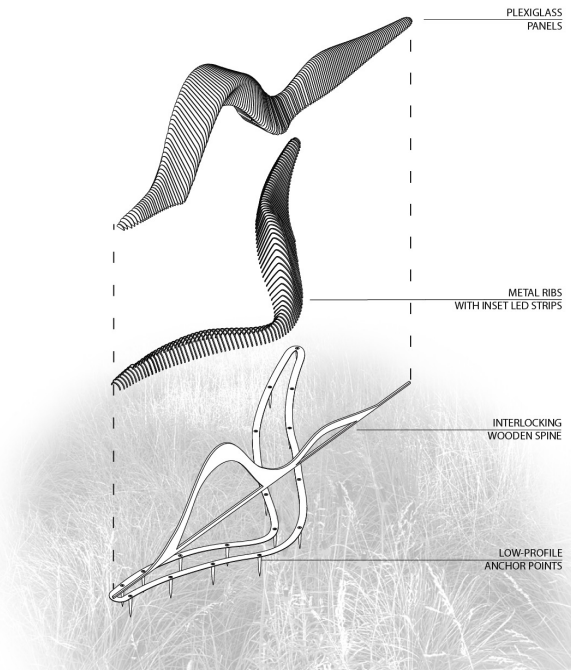


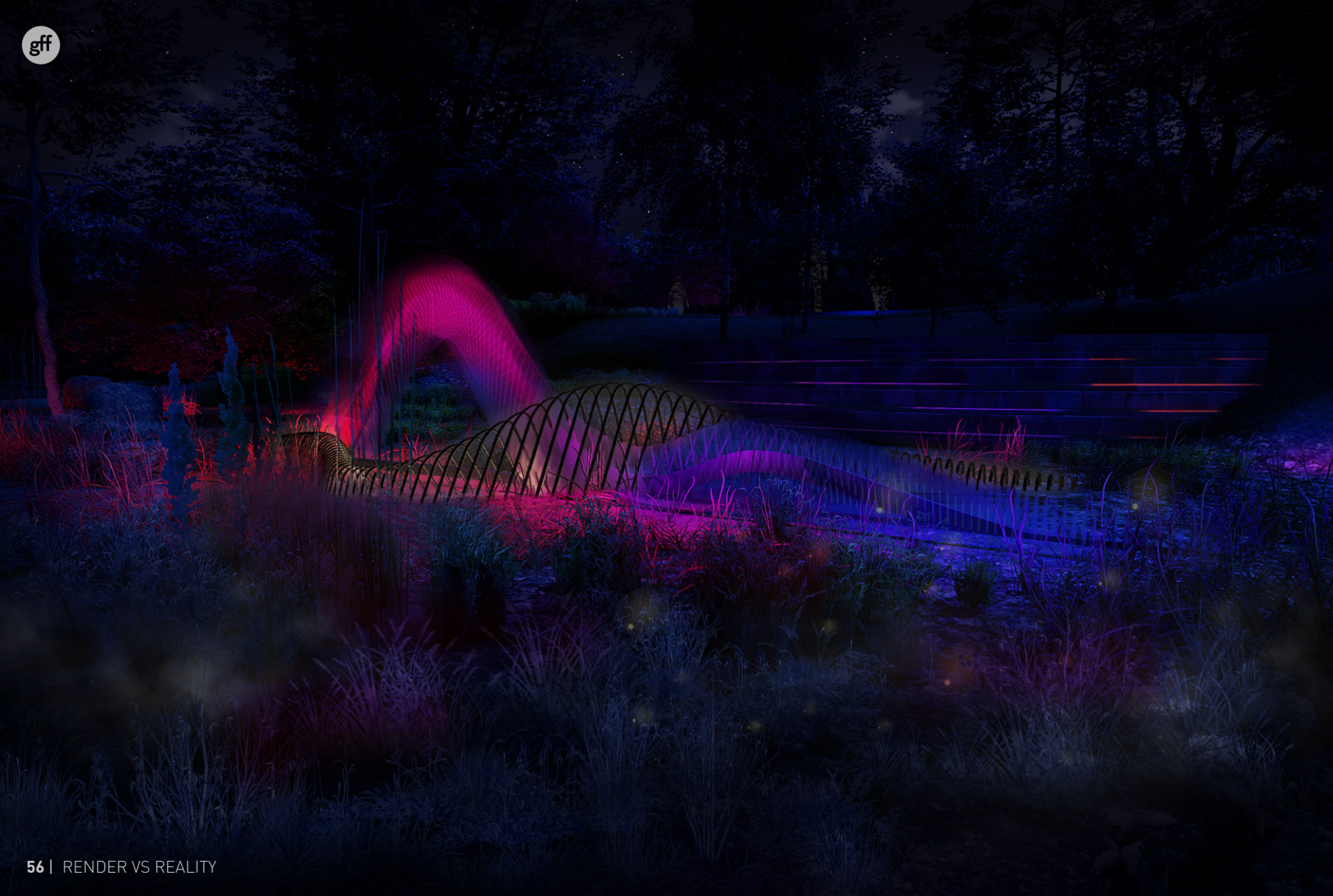


Our physical interpretation of this creature is expressed by marrying two opposite geometries. Similar to how the fauna of Waller Creek struggle to thrive amongst the urbanization of our city, CREEKTURE is a dichotomy of two contrasting forms, that while converging, are simultaneously growing further apart. As the skeletal, rib-like portion of CREEKTURE makes its tepid appearance above the surface, the more ethereal form gracefully rises out of the soil and makes its rightful stance against those who endanger its habitat.

CREEKTURE utilizes a simple yet effective construction system. The plexiglass panels are notched onto a prefabricated spine. This spine has a groove which allows for installation of a motion LED. The wooden ribs are connected to a secondary pre-fabricated structural profile using pin connections. Both systems sit on a wood frame that is gently secured onto the site grounds. The plexiglass is lit using motion LEDs that cycle through the length of the sculpture, representative of a heartbeat, appearing and disappearing into the creek's soil. The wooden ribs release a soft glow onto the earth, creating a sculptural contrast. In the moments of darkness, the metal ribs will always be visible and become even more exemplified as the plexiglass panels light up with colorful energy.







SPECULATIVE

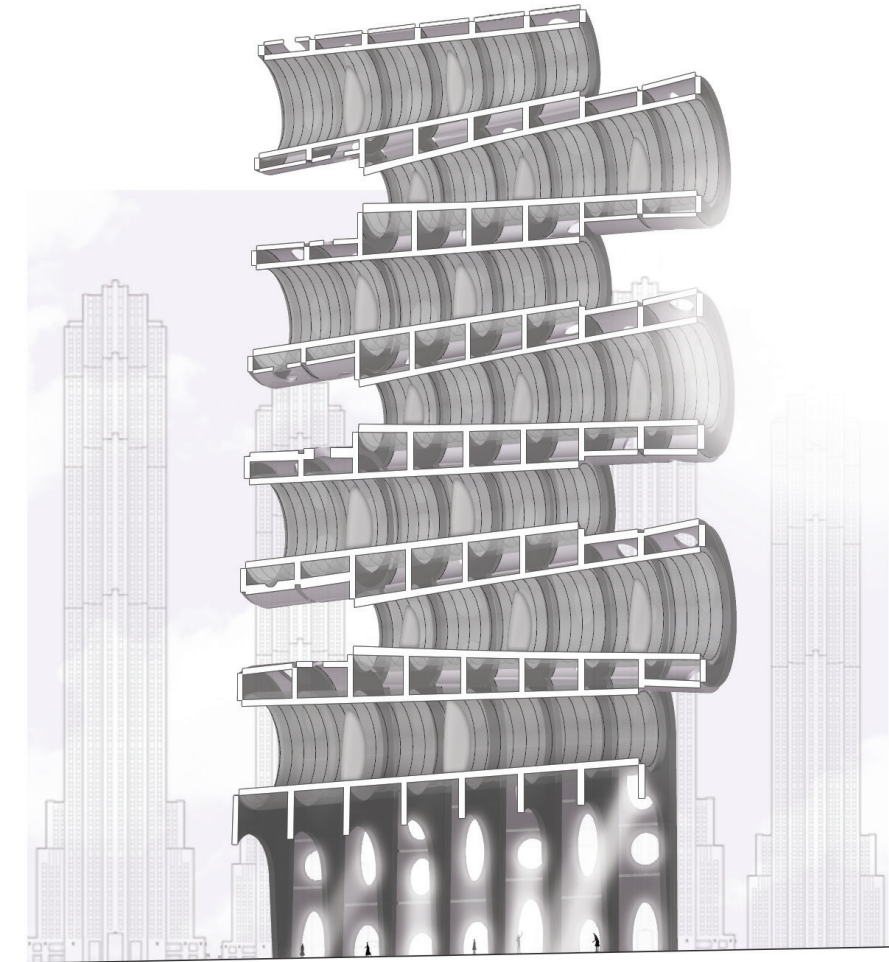
Year: 2018

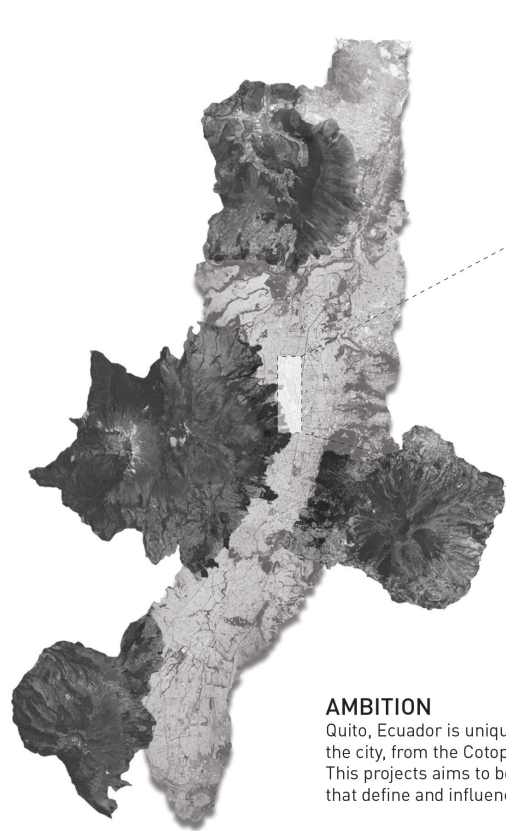
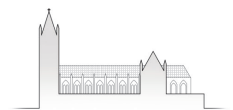
Semester: Advanced Design II

Collaboration: University of Texas at Austin

Professor: David Heymann, FAIA

Monumental architecture can be defined through several lenses; this project specifically explores monumentality as a defining relationship between architecture, space, and infrastructure. Inspired by windy conditions on the site, the structure playfully uses alternating cylindrical forms to channel wind while also creating a unified yet dynamic form. This massing strategy is dissected into structural ribs, upon which a playful facade is used to dress the structure. The skin is both load-bearing yet creates a dynamic, monumental space at the base of the structure; the result is a hybrid between playful architectural form and functional infrastructure. The intention behind this dynamic design is to influence the future growth of the city such that it becomes a catalyst for performance of the structure. As the city develops and creates clusters of taller buildings over time, the zoning of these urban densities will be influenced in such a way that wind is channeled in a concentrated manner towards a focal point, the point of entry being the monumental structure that established its importance in a earlier, undeveloped landscape.



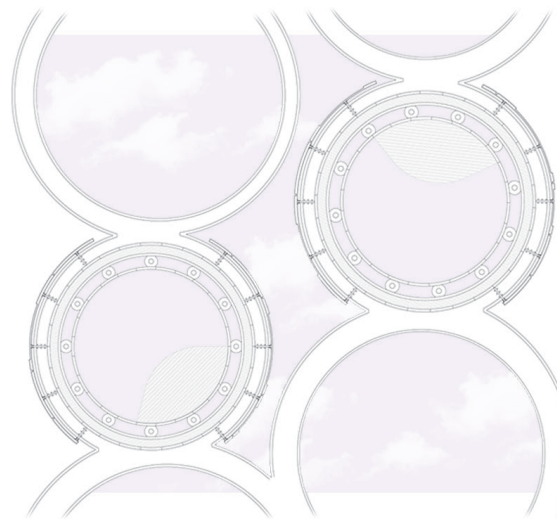
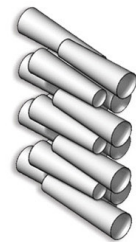
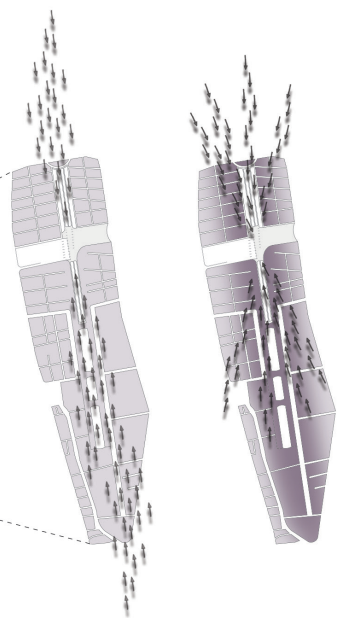


AMBITION

Quito, Ecuador is uniquely marked by monuments that characterize the city, from the Cotopaxi volcano to the Basilica del Voto Nacional. This projects aims to become an addition to the monumental figures that define and influence the city of Quito.

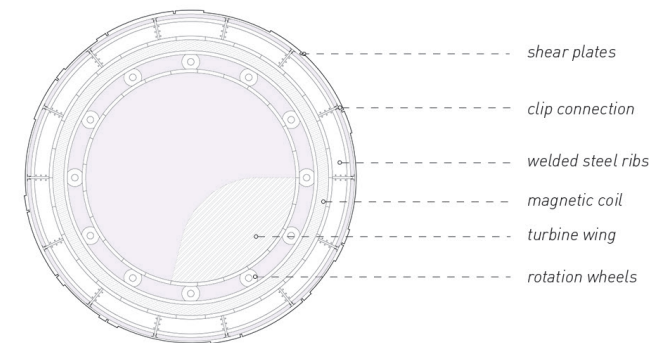
SITE STRATEGY

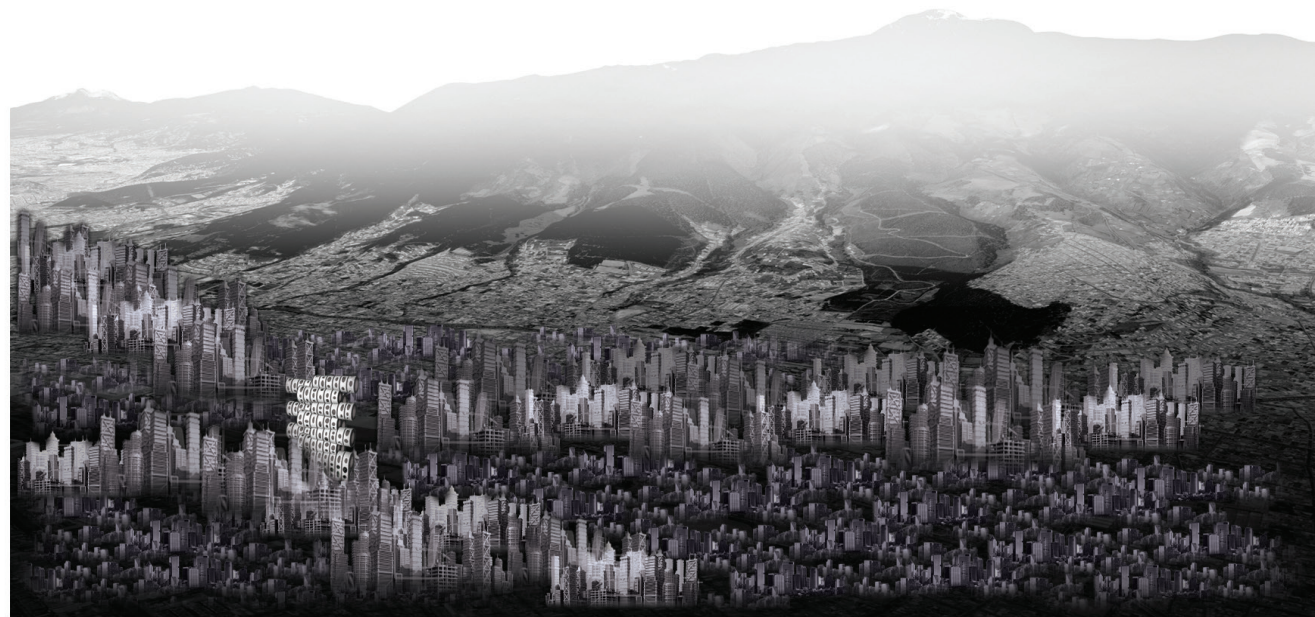
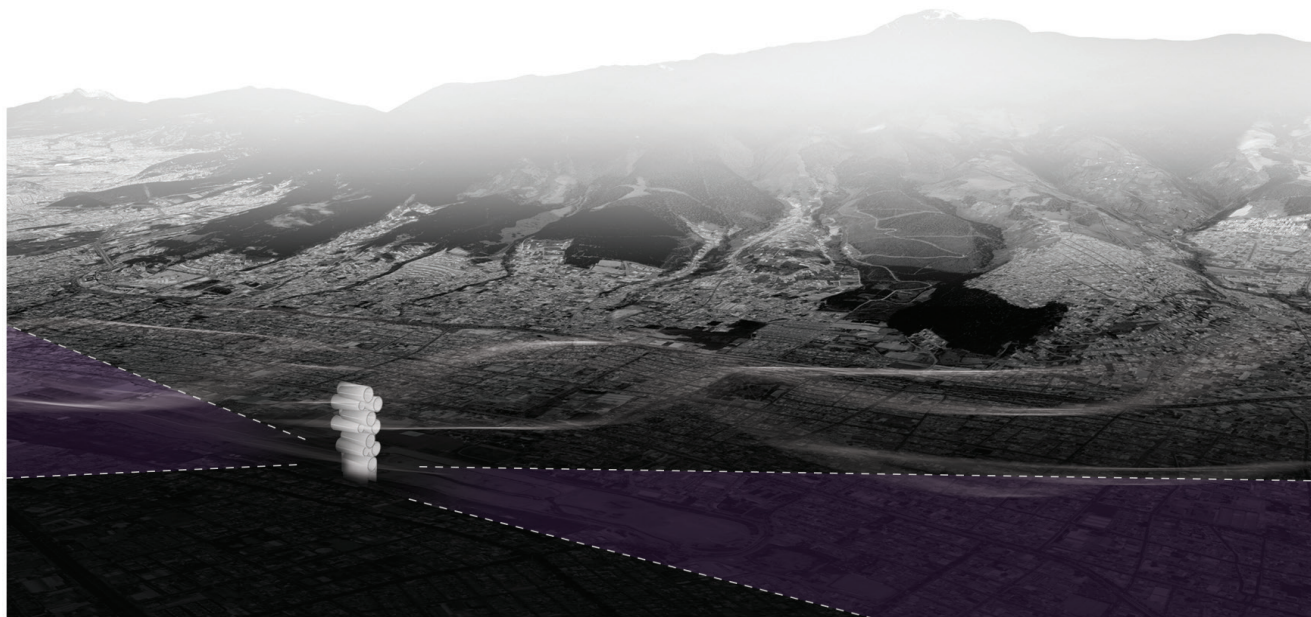
Situated on the grounds of an abandoned airport, the site is located in an area with intense wind speeds. The project aims to zone further development to create a "cone" affect that channels wind inward and towards the structure, where wind pressure will be utilized to produce usable energy.



THE MACHINE

As wind passes through the structure, the turbine wings catch this wind and rotate the interior "tube" along the rotation track. Rotation within the magnetic coil produces electricity, which is then collected and distributed. These systems are supported by steel structural ribs and shear plates.





CANOPY

Year: 2019

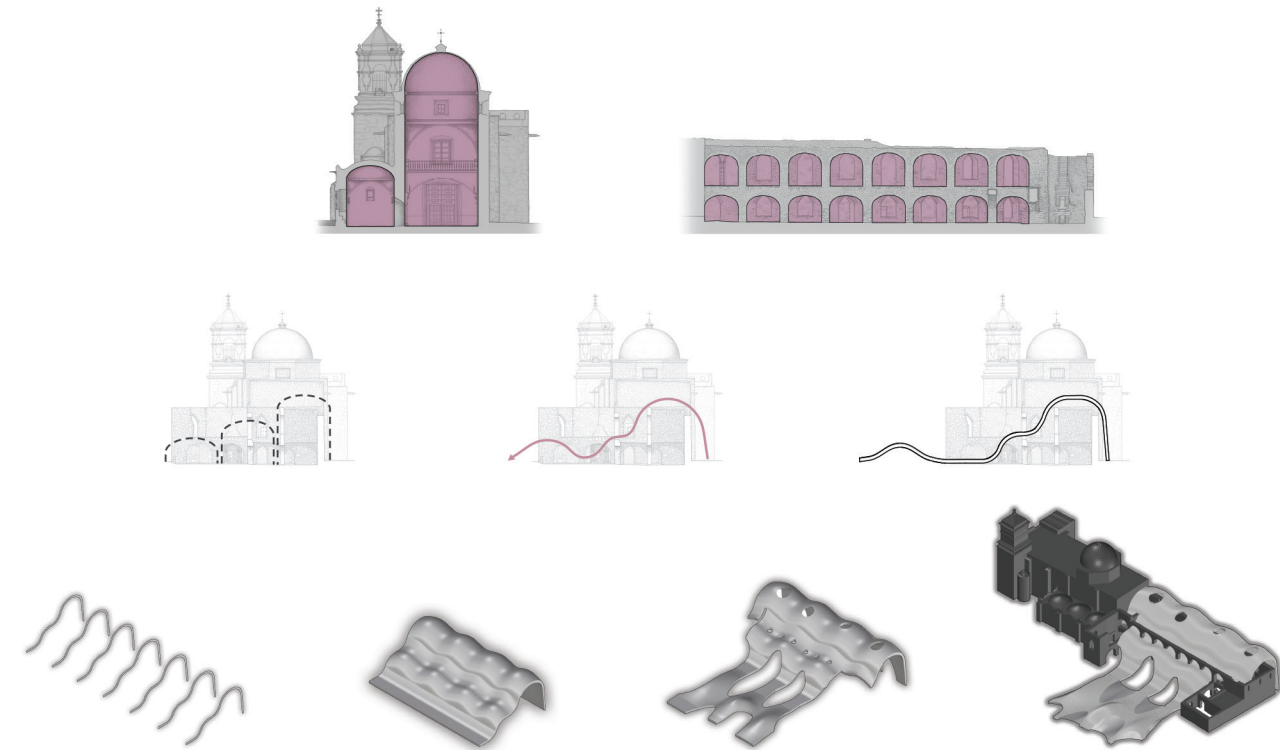
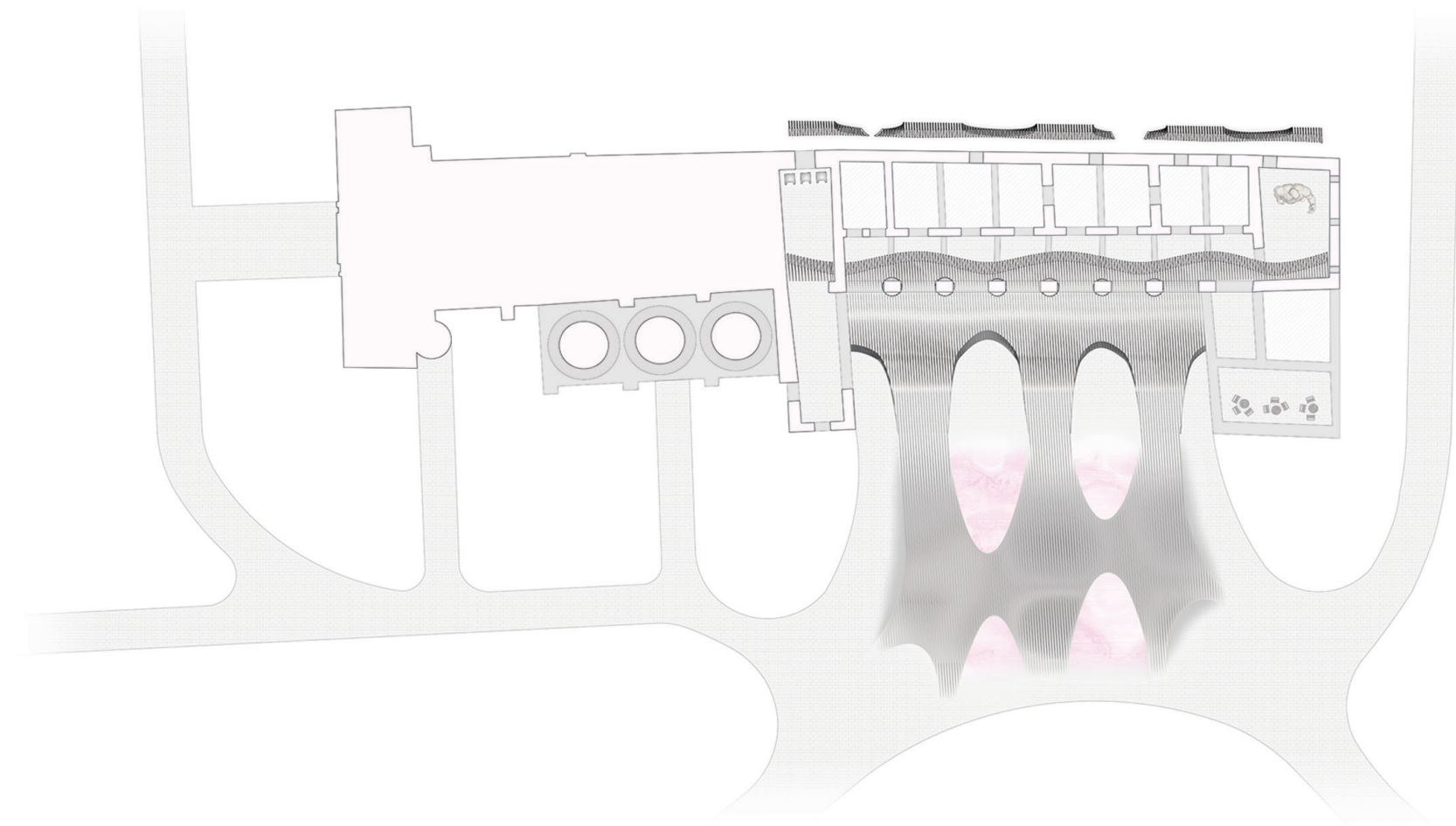
Semester: Advanced Design IIII

Collaboration: University of Texas at Austin

Professor: Benjamin Ibarra Sevilla

This historical intervention is based within Mission San Jose in San Antonio, Texas. The project creates a form that is reminiscent of the existing language within the mission, including both traditional masonry arches as well as the domes atop the church. In addition to creating a soft landscaped threshold, the structure established its own unique identity both through the use of thin structural ribs and oculi that together create a sense of transparency and dynamic daylighting. Canopy aims to create a gentle yet sculptural addition to the existing experience of the mission, gently rising and then weaving through the masonry arcade to become a dynamic architectural statement of its own.







NEST

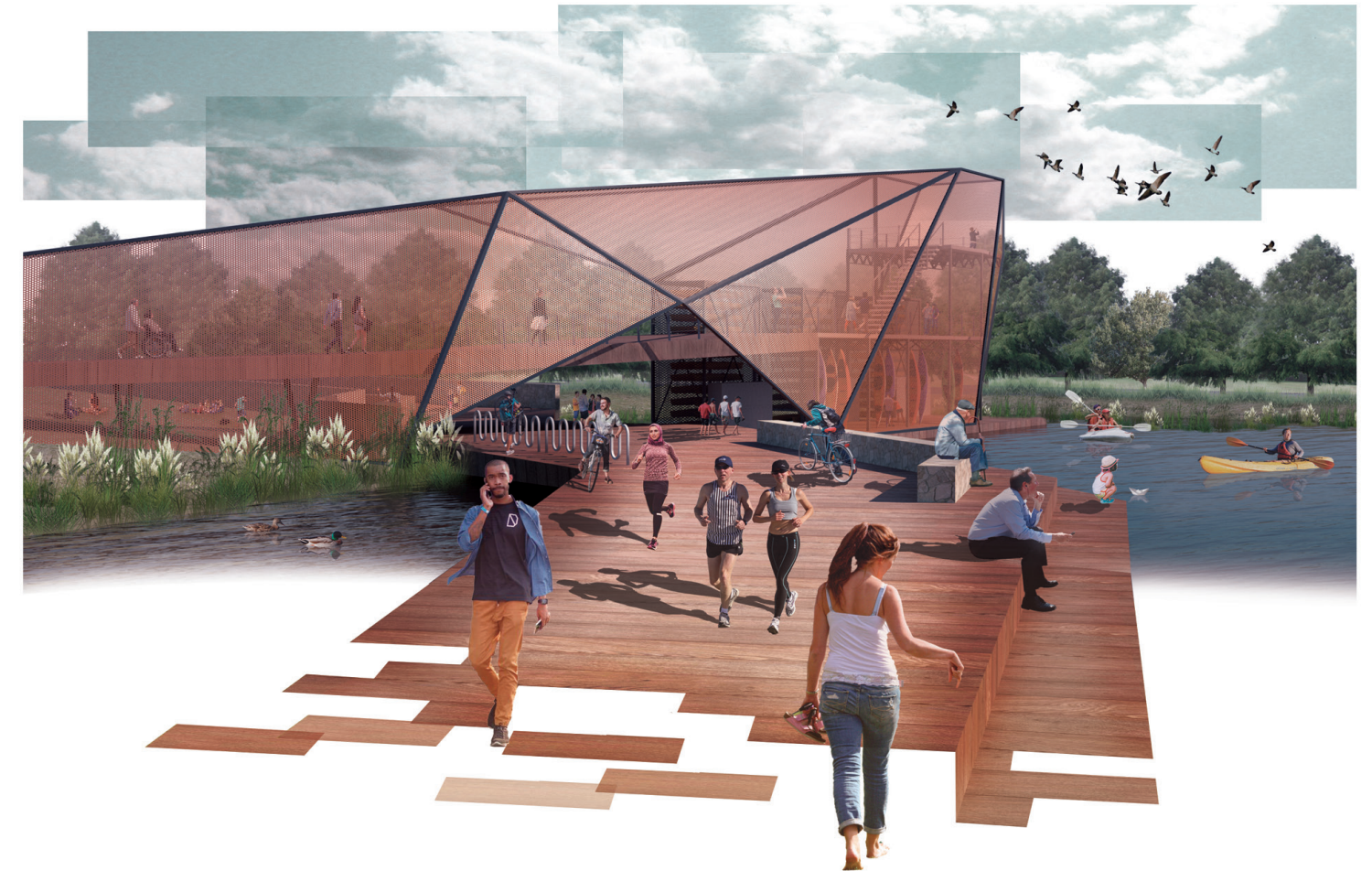
Year: 2018

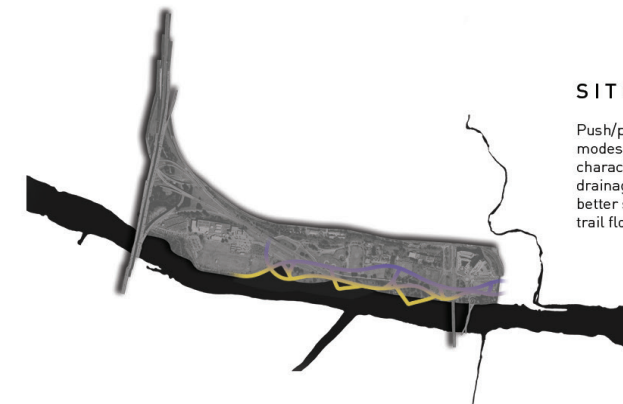
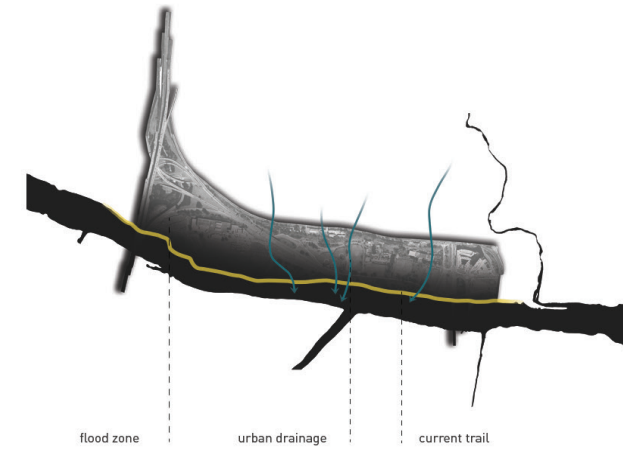
Semester: Advanced Design I

Collaboration: University of Texas at Austin | Group Studio

Professor: Sam Schwarze, AIA

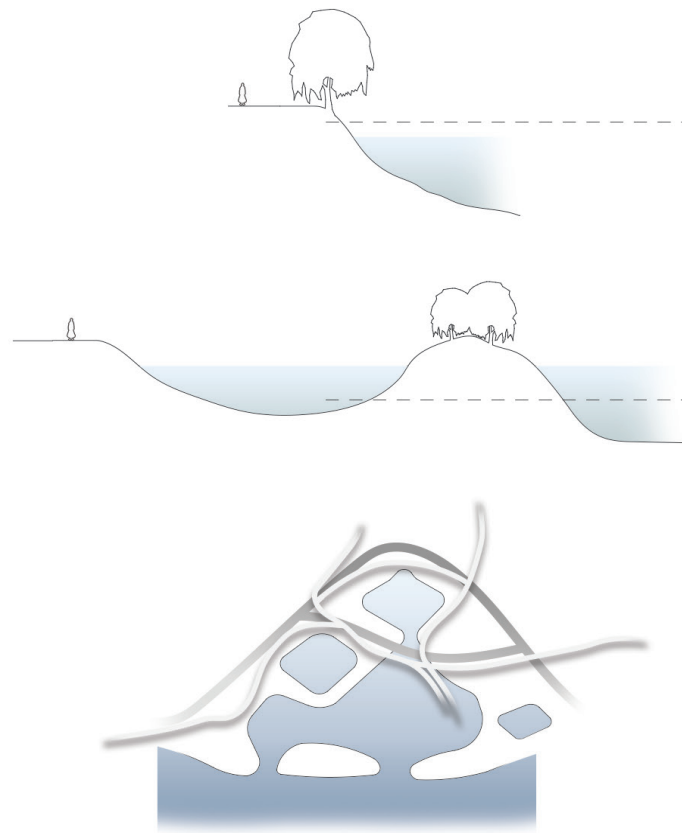
After extensive research on the inclusive and experiential qualities of downtown Austin in a group of 14 students, a site plan was created to allow for moments of interventions that addressed the above research topic. Following an effort to alter the existing shoreline, pockets of space were created to introduce or enhance activity, one of them being kayaking. Thus a kayak launch was formed through the siting of a pavilion structure that orients itself based on site flow and preserving the current Ann and Roy Butler Trail. The kayak launch gently invites users above and below, providing both a unique viewing platform while also creating an exemplified kayaking experience.





SITE STRATEDGY

Push/pull/weave trail to influence different modes of activity and enhance the multi-purpose characteristic of the shoreline. Areas of urban drainage are widened and relieved to create better shoreline water quality as well as dampen trail flood damage.

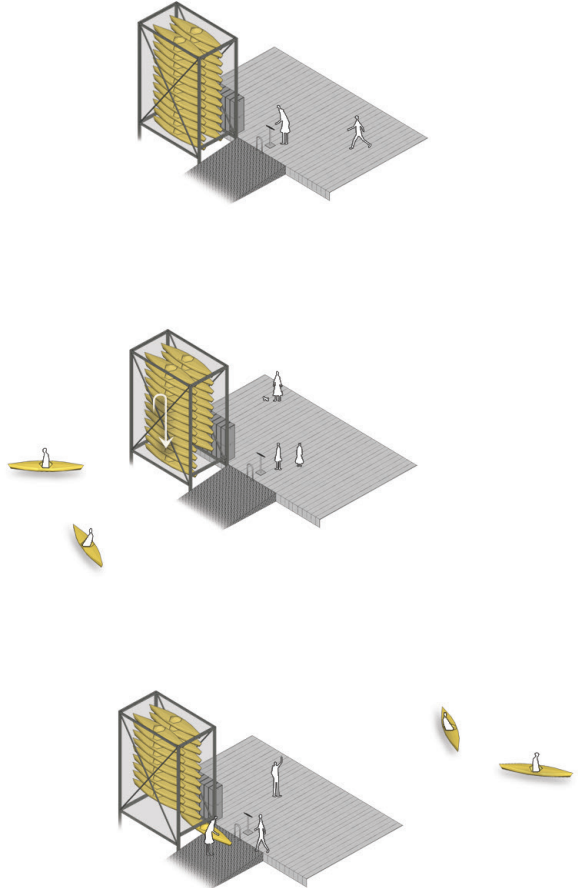
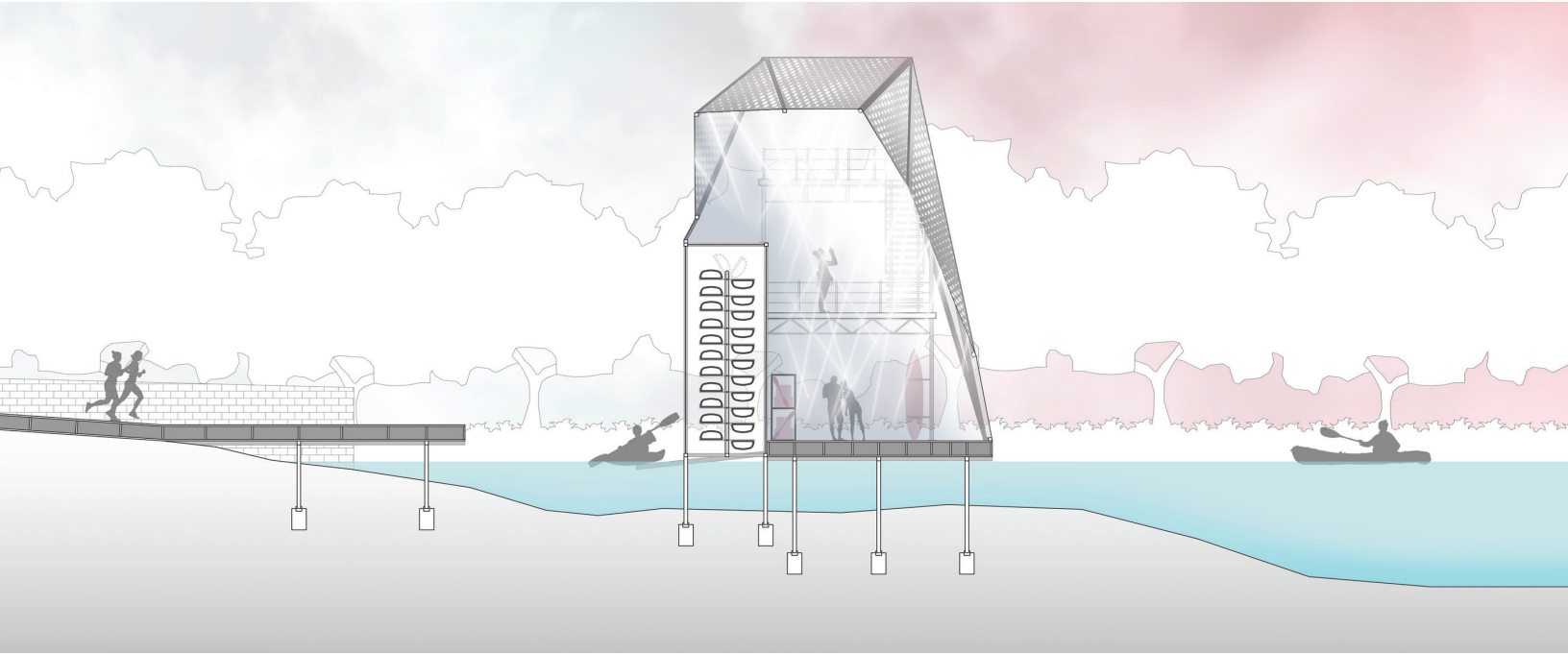


CURRENT CONDITIONS
Bald Cypress along the shoreline of Lady Bird Lake currently battle with extremely eroded soil, and over-use of the trail continues to erode the soil around the roots.

SITE STRATEGY
Pull lake inward/create retention ponds to enhance shoreline flood mitigation, relieve stressed urban drainages, and protect/restore growth of Bald Cypress trees.

WEAVE
The above site strategy allows for the opportunity to weave different modes of activity that create active and interactive spaces. "Weaving" achieves an urban playground that is accommodating for all types of visitors.





1

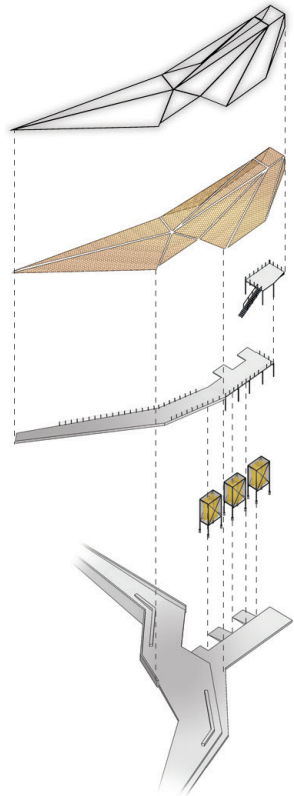
The kayak share is run by a automated system that is accessible to any user. An access ramp and safety equipment are also provided.

2

As can be seen, two kayaks are checked out while more visitors come to access the kayak share. Upon request, the system will shuffle kayaks to the bottom of the line and allow the user to access a kayak.

3

Returning a kayak is the same as retrieving one, as the system will reverse shuffle and open a slot to slide the kayak back into the shelf.



SPINE

Year: 2017

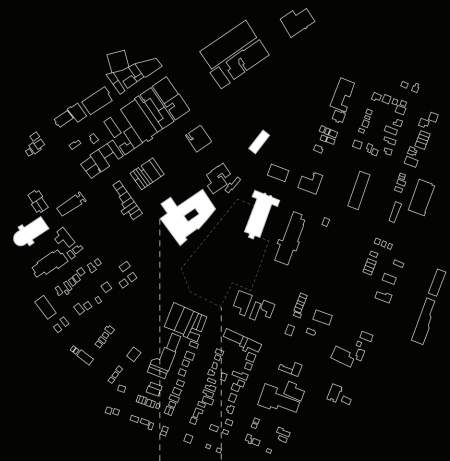
Semester: Intermediate Design III

Collaboration: University of Texas at Austin

Professor: MJ Neal, AIA

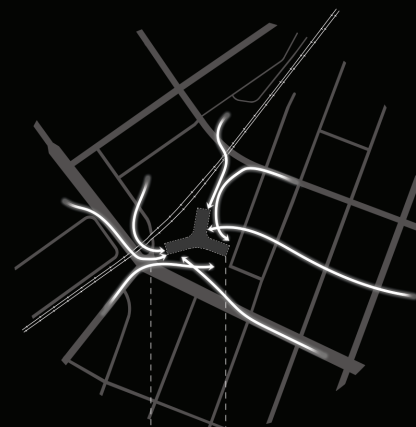
Structure can become more than just the skeleton of a building, but rather a means of creating an impactful atmosphere. Tasked with accommodating housing and creating a market space, several methods were tested for the design of a superstructure that could create a visual relationship between the two. The structure has three “arms”, each of which reach towards a major access point on the site; the front portion of the form is a curved arrangement of units, with the superstructure hugging both sides. This design celebrates the unique intersection of vertical space shared by housing unit and market stall, with a focus on the corridor and passage; both tenant and market can experience the versatility of space, sharing the experience in the presence of each other as opposed to separately.





significant buildings

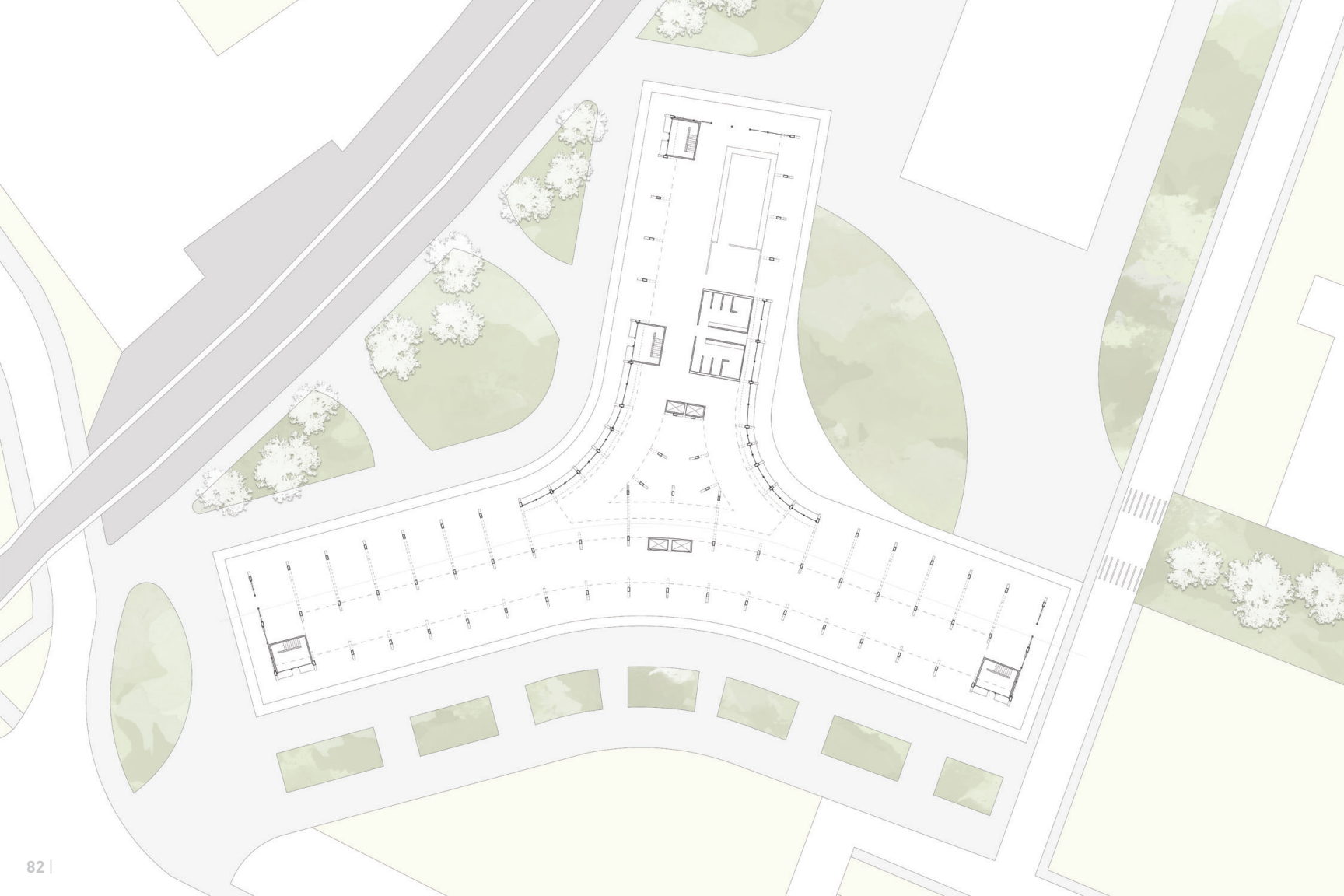
site



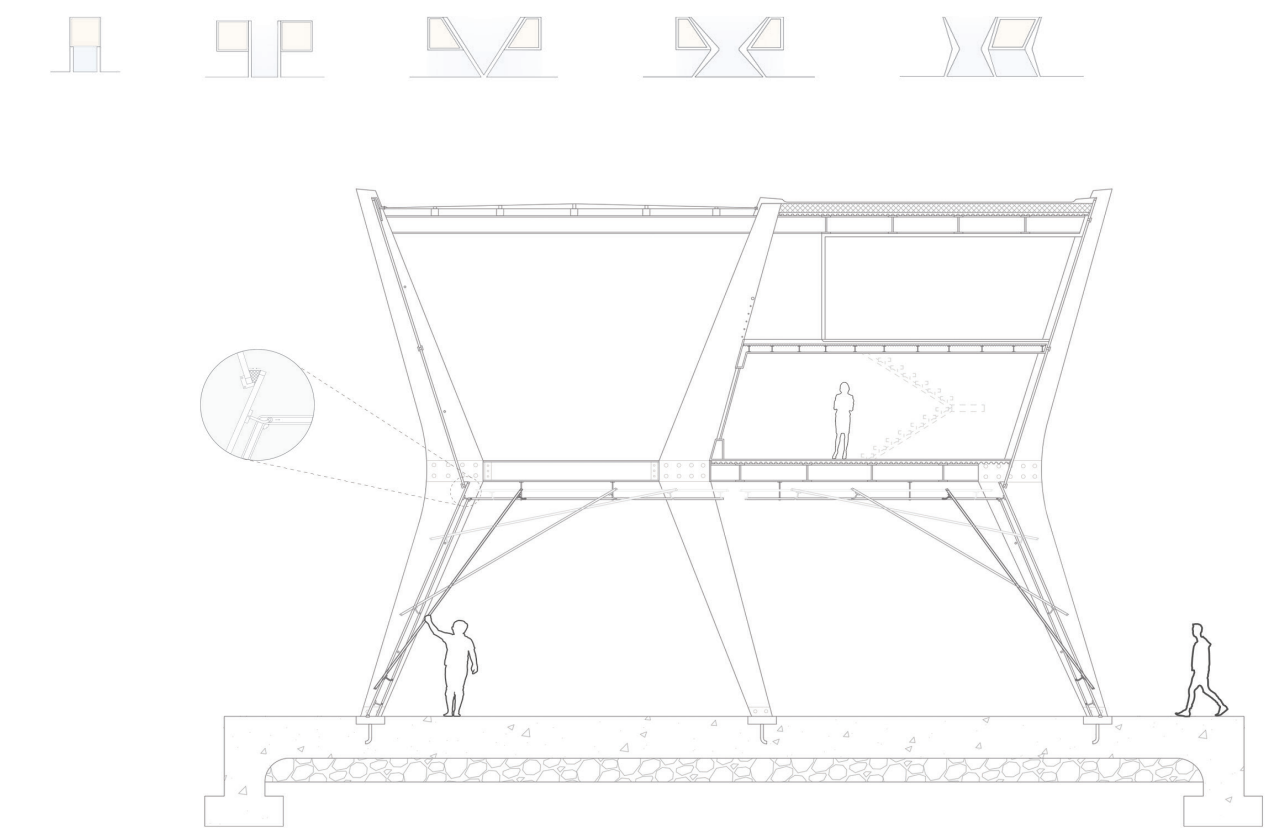
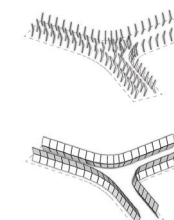
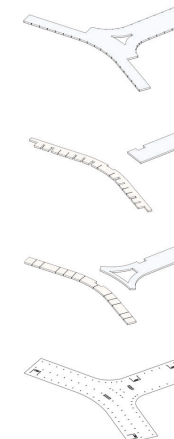
circulation study

massing strategy





sectional studies
UNIT : STALL



DETAIL
The above detail demonstrates how the large glass panels can easily be opened in any weather condition, events, or weekend markets. A track connected to each superstructure allows for each panel to dislodge from the compressive insulation block and tuck away above the market level.